

SUB A²**ABSTRACT**

A method and radiod device are provided for interleaving a stream of data (201) consisting of digital information symbols prior to transmission over a radio interface. A permutation is performed (202, 203, 401, 402) to the stream of digital data, thus producing a permuted stream of digital data (204). From the permuted stream of digital data there are provided at least two component streams (404) for mapping each component stream into a spreading code (406). The order of information symbols is reversed (405) in at least one component stream prior to mapping it into a spreading code.

Fig. 3